

MILITARY SPECIFICATION SHEET

RECEPTACLE WITH SWITCH, ELECTRICAL, 60-AMPERE, 208/117-VOLT,  
3-PHASE, INTERLOCKING, GROUNDED (SYMBOL NO. 776.1)

- Ⓑ This specification is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.
- Ⓑ The requirements for acquiring the receptacle described herein shall consist of this specification and the latest issue of MIL-R-2726.

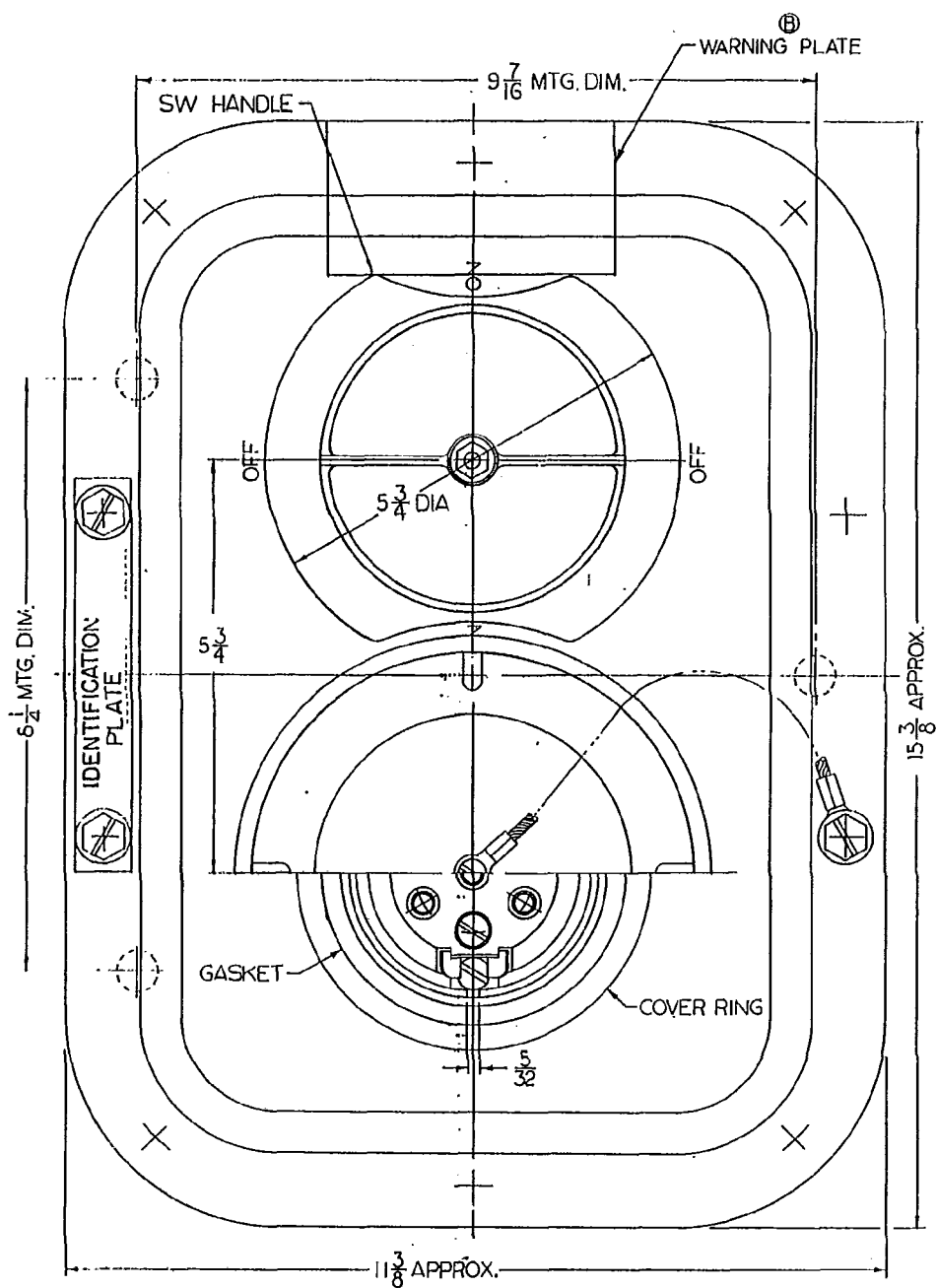
Ⓑ denotes changes.

AMSC N/A

DISTRIBUTION STATEMENT A

Approved for public release; distribution unlimited

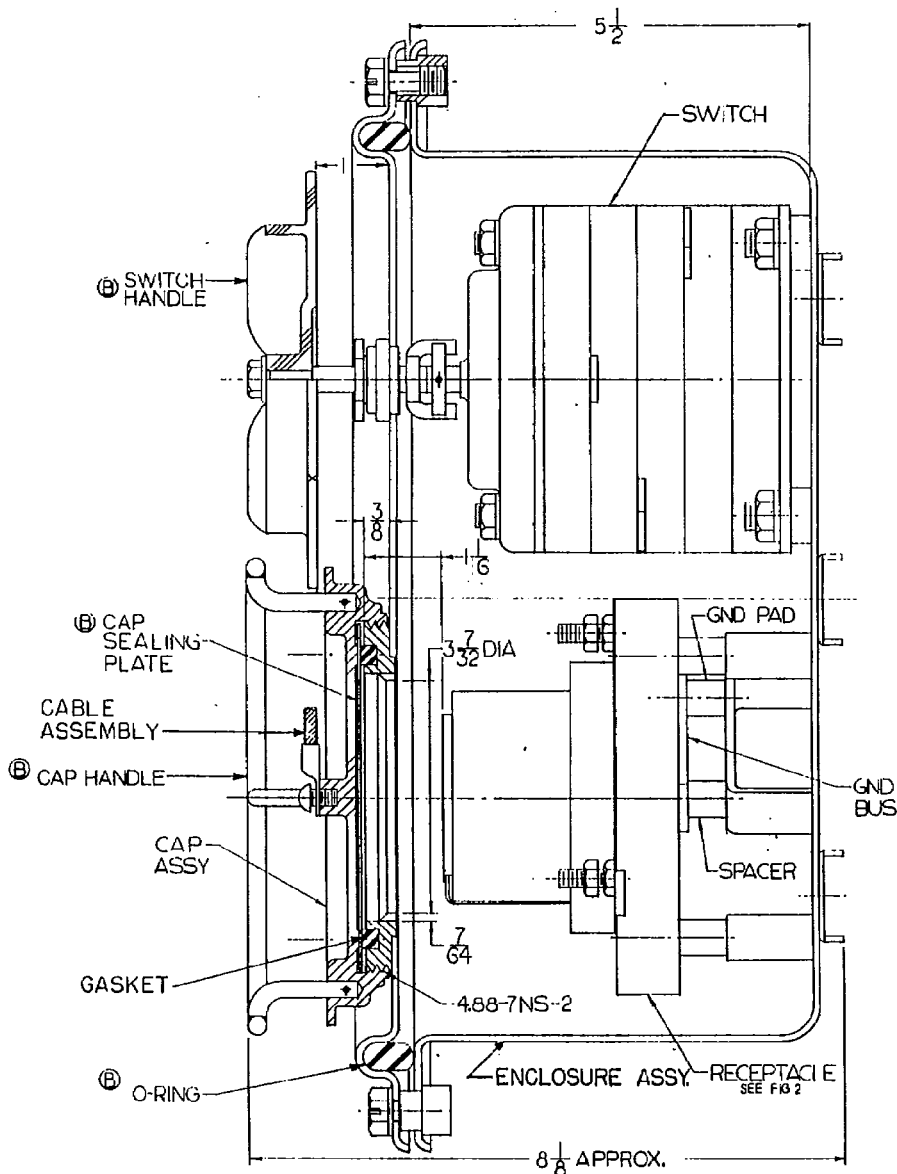
FSC 5935



PART NO. M2726/27-001

SH 9105

FIGURE 1. Receptacle with switch.



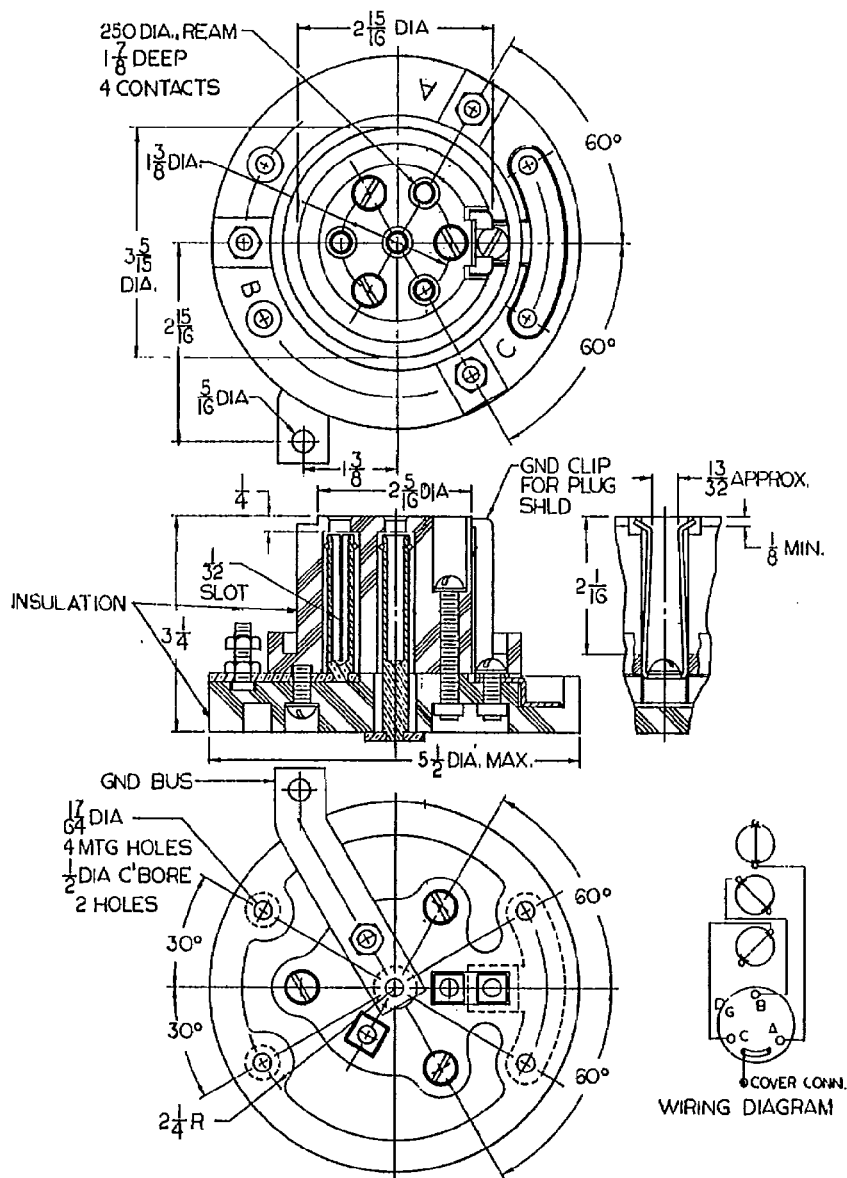
SH 9105-1

## NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch. Angular tolerance is  $\pm 1/2$  degree.
2. Supersedes: Drawing 9000-S6202-73944, symbol 776.
3. Replaces: Drawing 9000-S6202-73747, symbol 913.

FIGURE 1. Receptacle with switch. - Continued

MIL-R-2726/27B(SH)



SH 1320200

PART NUMBER M2726/27-002

NOTE:

1. Dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch for fractions. Angular tolerance is  $\pm 1/2$  degree.

(B) FIGURE 2. Receptacle fitting.

MIL-R-2726/27B(SH)

REQUIREMENTS:

1. Dimensions and configurations: See figures 1 and 2.
2. Enclosure assembly: In accordance with MIL-E-24142/6, part number M24142/6-002.
3. Effectiveness of enclosure: Submersible (15-foot) in accordance with MIL-STD-108.
4. Switch: Rotary, in accordance with type 6SR3A4 of MIL-S-15291.
5. Mating plug: MIL-R-2726/26, part number M2726/26-001 (not furnished).
6. Gasket: In accordance with MIL-R-900, except that the hardness shall be durometer 65.
7. Insulation: Shall be molded plastic in accordance with type MAI-60 of MIL-M-14 or type GME of MIL-P-15037.
8. Electrical rating: 60-ampere, 208/117-volt, alternating current.
9. Handle: The handle shall be of nonconducting material and designed to turn the switch on and off and also serve as an interlock to prevent removal or insertion of the plug and cap while the switch is in the "ON" position.
10. Part number: M2726/27-001 (assembly).  
M2726/27-002 (receptacle fitting).
11. Internal wiring: To be furnished.
12. Contact finish: Silver plate.

QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-R-2726 and table I herein. The first article and quality conformance inspections shall consist of the inspections as specified in table I, in the order shown.

TABLE I. First article and quality conformance inspection.

Inspection	Requirement	Test method	First article	Quality conformance
Examination	3.1, 3.3, 3.4, 3.5, 3.6 and 3.7	4.6.1	X	X
Insulation resistance	3.5.1	4.7.1	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	X
Contact resistance	3.5.3.1	4.7.3.1	X	X
Current load	3.5.12	4.7.12	X	
Endurance	3.5.5	4.7.5	X	
Salt spray	3.5.11	4.7.11	X	
Contact resistance	3.5.3.1	4.7.3.1	X	
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	
Operation	3.5.13	4.7.13	X	X

Preparing activity:  
Navy - SH  
(Project 5935-N255-28)